

**To:** CN=Palmer Hough/OU=DC/O=USEPA/C=US@EPA[]  
**Cc:** CN=Phil North/OU=R10/O=USEPA/C=US@EPA;CN=Richard Parkin/OU=R10/O=USEPA/C=US@EPA;CN=Sheila Eckman/OU=R10/O=USEPA/C=US@EPA[]; N=Richard Parkin/OU=R10/O=USEPA/C=US@EPA;CN=Sheila Eckman/OU=R10/O=USEPA/C=US@EPA[]; N=Sheila Eckman/OU=R10/O=USEPA/C=US@EPA[]  
**From:** CN=Heather Dean/OU=R10/O=USEPA/C=US  
**Sent:** Mon 5/7/2012 4:31:42 PM  
**Subject:** Re: Do we say this somewhere in the assessment or fish appendix? Just checking

Yes, in the Salmon Characterization Report:

On average, the Kvichak River has the largest sockeye salmon run in Bristol Bay, with an average annual return of 10.4 M fish between 1956 and 2010 (Figure 6).

The Kvichak River sockeye salmon runs are not only the largest in Bristol Bay, but also the largest in the world (Figures 5 through 7).

The assessment says this:

The [Bristol Bay] watershed supports the largest sockeye salmon fishery in the world, with approximately 46% of the average global abundance of wild sockeye salmon between 1956 and 2005 (Figure 2-5A) (Ruggerone et al. 2010).

From: Palmer Hough/DC/USEPA/US  
To: Heather Dean/R10/USEPA/US@EPA  
Cc: Phil North/R10/USEPA/US@EPA, Richard Parkin/R10/USEPA/US@EPA, Sheila Eckman/R10/USEPA/US@EPA  
Date: 05/04/2012 02:33 PM  
Subject: Do we say this somewhere in the assessment or fish appendix? Just checking

The Kvichak River (on average) produces more sockeye salmon than any other river in the world.

---

Palmer Hough, Environmental Scientist  
tel: 202.566.1374 | fax: 202.566.1375

Wetlands Division  
U.S. EPA Headquarters (MC 4502T)  
1200 Pennsylvania Avenue, NW  
Washington, DC 20460  
[www.epa.gov/wetlands](http://www.epa.gov/wetlands)